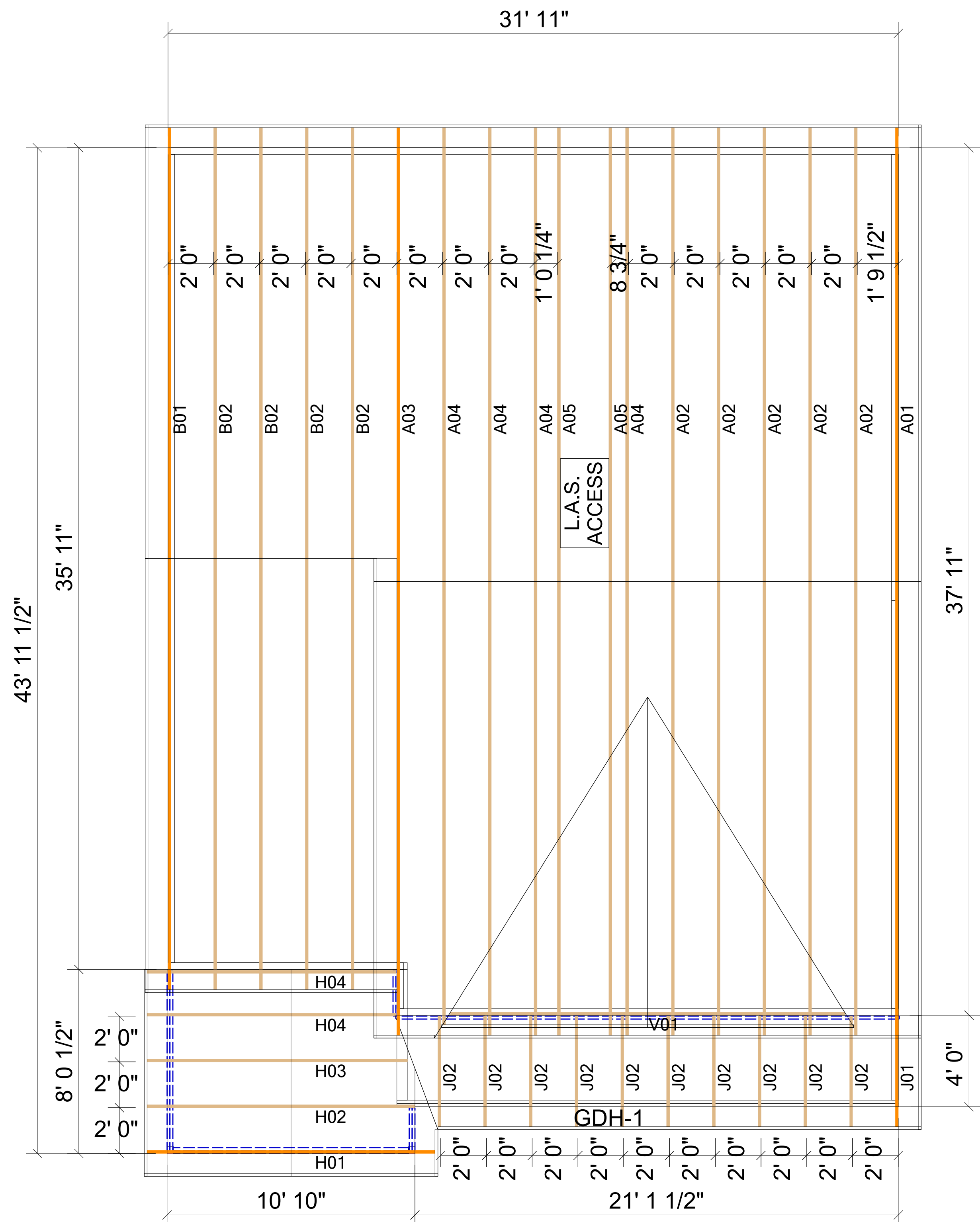


# ROOF TRUSS LAYOUT

SCALE: N.T.S.



LVL Beams				
PlotID	Length	Product	Plies	Net Qty
GDH-1	22' 0"	1 3/4" x 11 7/8" (2.0E 3100) LVL	2	2

THE SUGGESTED TRUSS HANGERS, CONNECTIONS AND TIE-DOWNS FOR GRAVITY, UPLIFT AND LATERAL LOADS, MUST BE REVIEWED BY THE BUILDING DESIGNER OR ENGINEER OF RECORD, PER ANSIT/PI 1-2002, ALL "TRUSS TO WALL" AND "TRUSS TO BEAM" CONNECTIONS ARE THE RESPONSIBILITY OF THE BUILDING DESIGNER. ALL "TRUSS TO TRUSS" CONNECTIONS ARE THE RESPONSIBILITY OF THE TRUSS DESIGNER/ MANUFACTURER

H2.5A	-
H10A	-
HTS20	-
TBE4	-
LGT2	-
LGT3	-
MGT+HDU	-
--	-

## ROOF TRUSS

### NOTES:

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- This Truss Placement Diagram is intended to serve as a guide for truss installation. This Diagram has been prepared by a Truss Technician and is not an engineered drawing.
- The responsibilities of the Owner, Building Designer, Contractor, Truss Designer, and Truss Manufacturer shall be as defined by the TPI 1 National Standard.
- The wood components shown on this diagram are to be used in dry service (moisture content < 19%) and non-toxic environmental applications. The metal plates and hangers are galvanized to the G60 Standard unless noted otherwise.
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 BCSI-B9 = Multi-Ply Girders  
 BCSI-B10 = Post Frame Truss Installation  
 BCSI-B11 = Fall Protection
- Follow TPI Requirements for Long Span Trusses (>60').

## REVISIONS

1	-
2	-
3	-
4	-

Base X X Kenzie "A"

Sumter Truss Plant  
 P.O. Box 1546  
 Sumter, S.C. 29151  
 Phone: 803-778-1921  
 Fax: 803-773-4731

**Builders**  
**FirstSource**

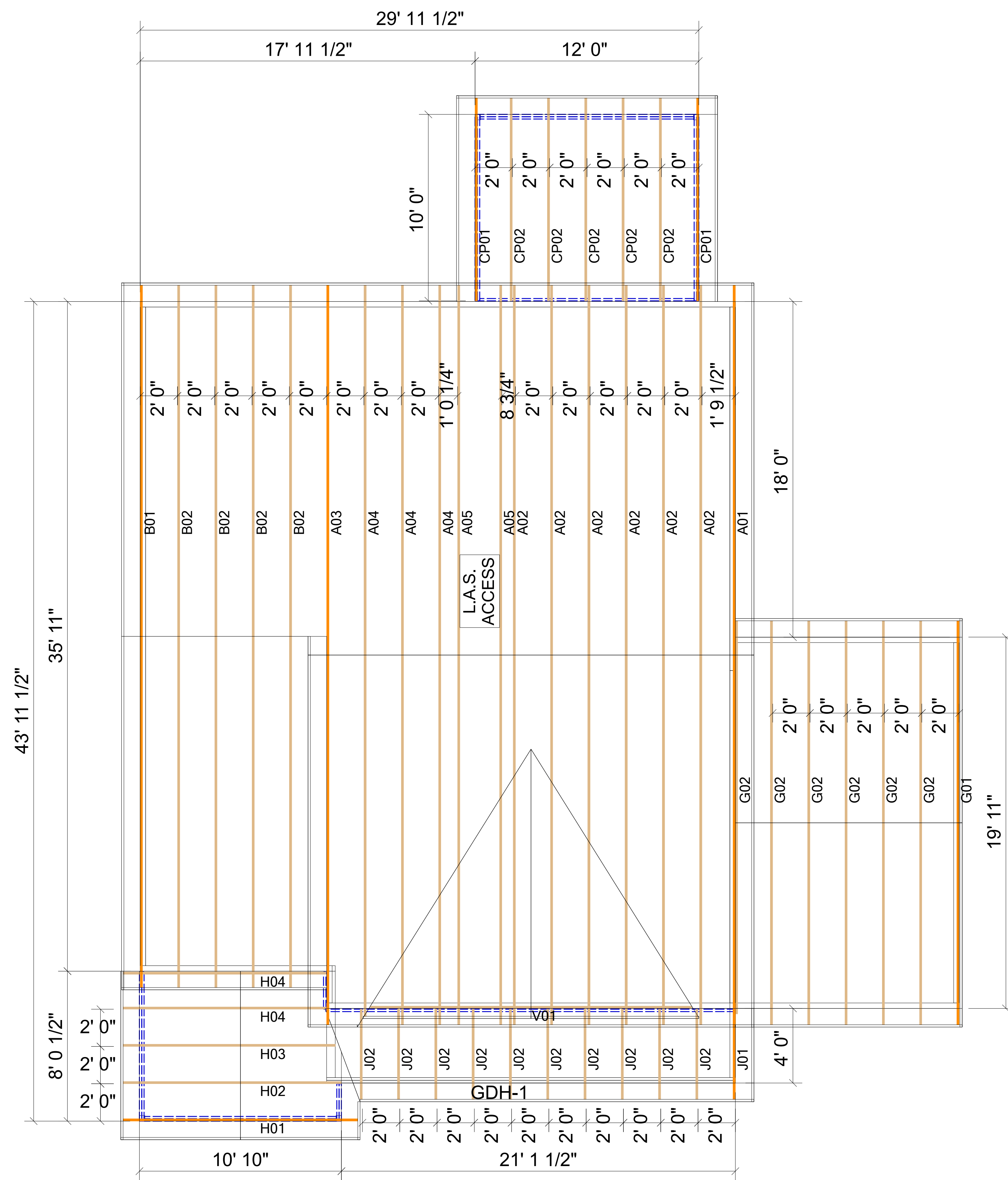


DRAWN BY  
MGM

DATE  
9/18/2019

JOB NUMBER  
X

SHEET NUMBER  
1 OF 1



# ROOF TRUSS LAYOUT

SCALE: N.T.S.

LVL Beams				
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H2.5A	-
H10A	-
HTS20	-
TBE4	-
LGT2	-
LGT3	-
MGT+HDU	-
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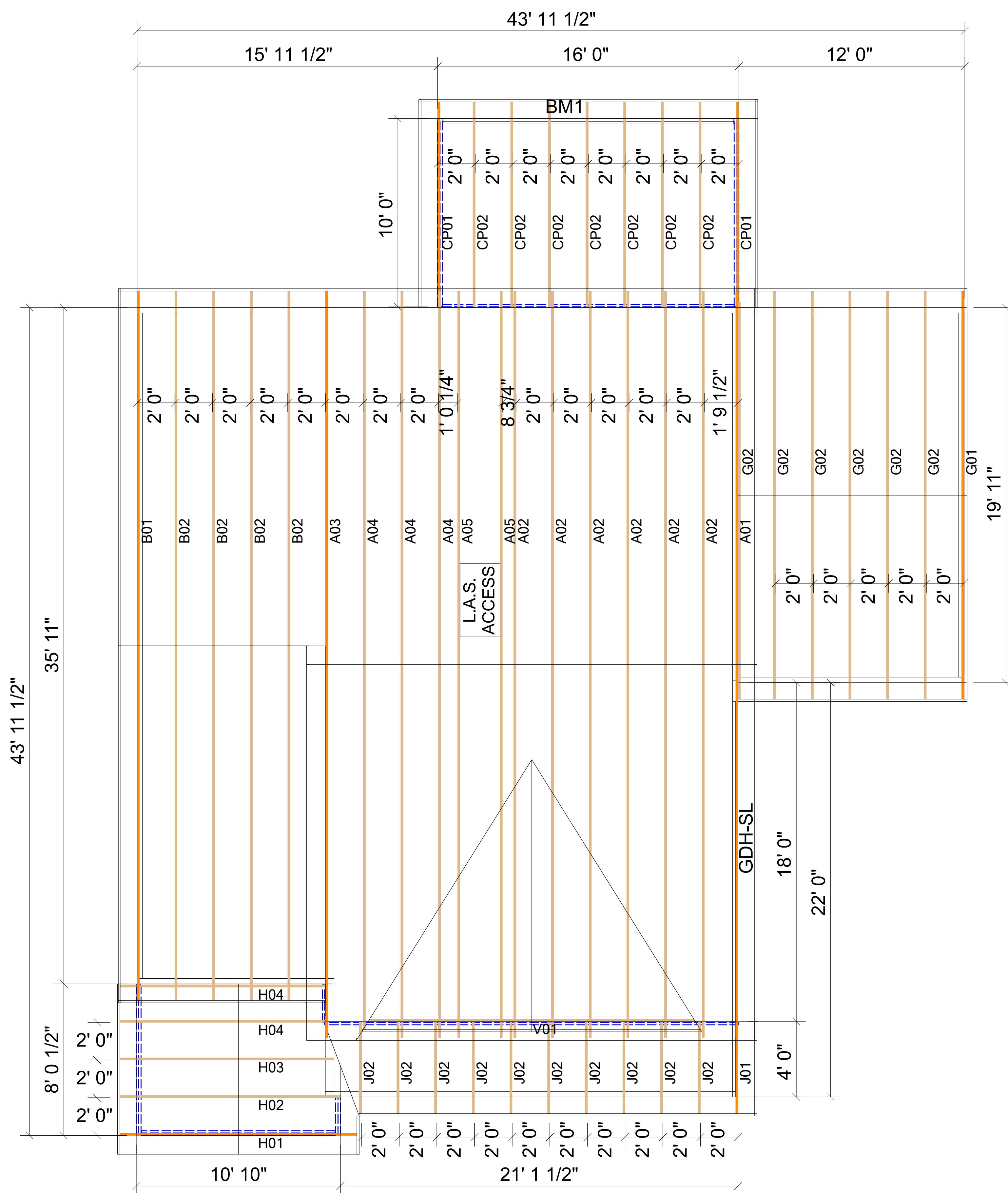
1	-
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3	-
4	-

Base+COP+1CG  
X X  
Kenzie "A"

Sumter Truss Plant  
P.O. Box 1546  
Sumter, S.C. 29151  
Phone: 803-778-1921  
Fax: 803-773-4731



DRAWN BY	MGM
DATE	9/18/2019
JOB NUMBER	X
SHEET NUMBER	1 OF 1



# ROOF TRUSS LAYOUT

SCALE: N.T.S.

LVL Beams				
PlotID	Length	Product	Plies	Net Qty
BM1	16' 0"	1 3/4" x 9 1/4" (2.0E 3100) LVL	2	2
GDH-SL	21' 0"	1 3/4" x 16" (2.0E 3100) LVL	2	2

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H2.5A	-
H10A	-
HTS20	-
TBE4	-
LGT2	-
LGT3	-
MGT+HDU	-
---	-

# ROOF TRUSS

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- Follow TPI Requirements for Long Span Trusses (>60').

# REVISIONS

1	-
2	-
3	-
4	-

Base+COPX+1CG+SL

X X  
Kenzie "A"

Sumter Truss Plant  
 P.O. Box 1546  
 Sumter, S.C. 29151  
 Phone: 803-778-1921  
 Fax: 803-773-4731

**Builders**  
**FirstSource**



DRAWN BY  
MGM

DATE  
9/18/2019

JOB NUMBER  
X

SHEET NUMBER  
1 OF 1

REVISIONS

1	.
2	.
3	.
4	.

Base X X Kenzie "B"

Sumter Truss Plant  
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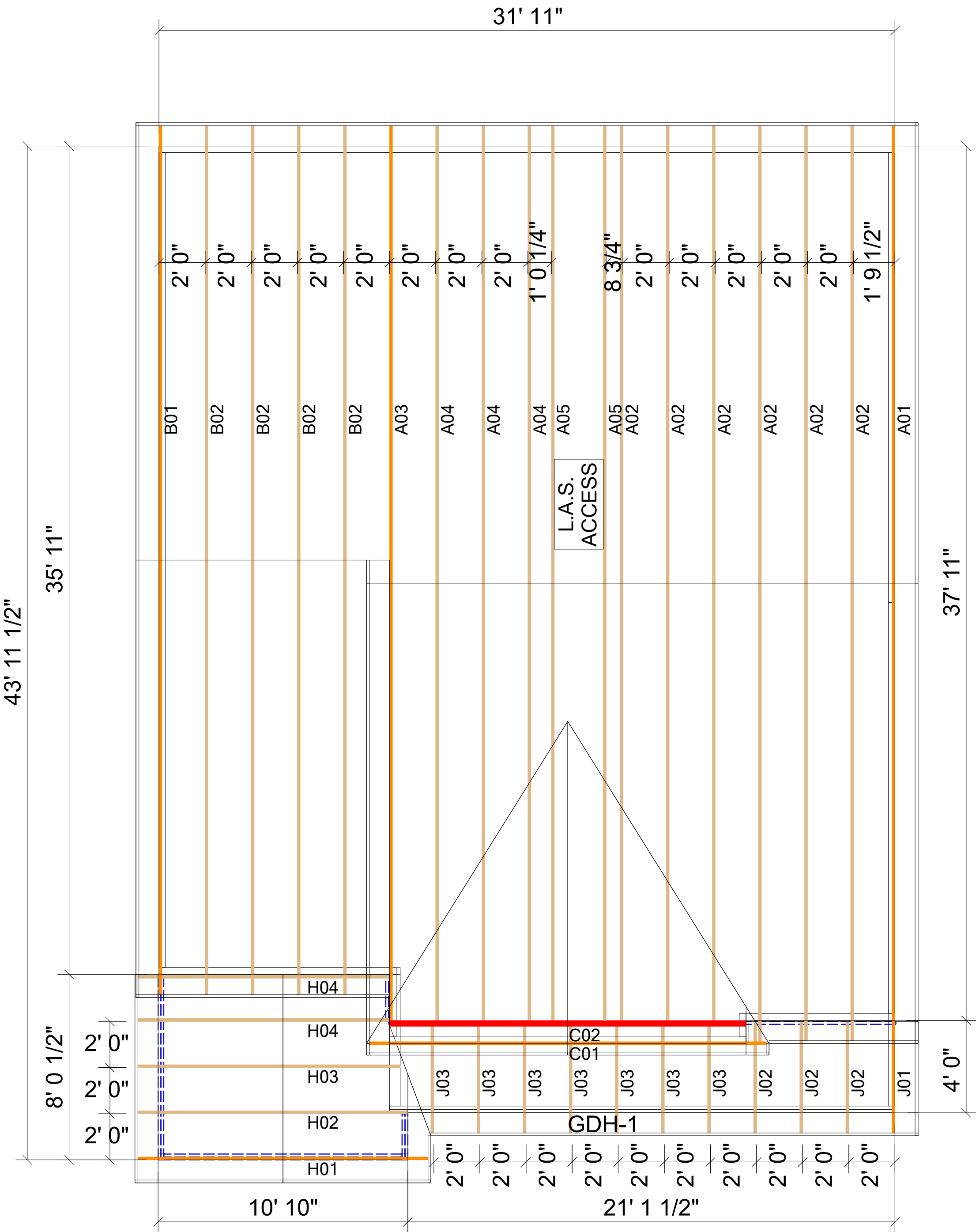
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LVL Beams				
PlotID	Length	Product	Plies	Net Qty
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SIMPSON CONNECTOR SCHEDULE					
HANGER TYPE	Qty	FASTENERS		CARRYING MEMBER	CARRIED MEMBER
		CARRYING MEMBER	CARRIED MEMBER		
HTU-26	1	20-16d	20-10d x 1 1/2	Girder	Truss

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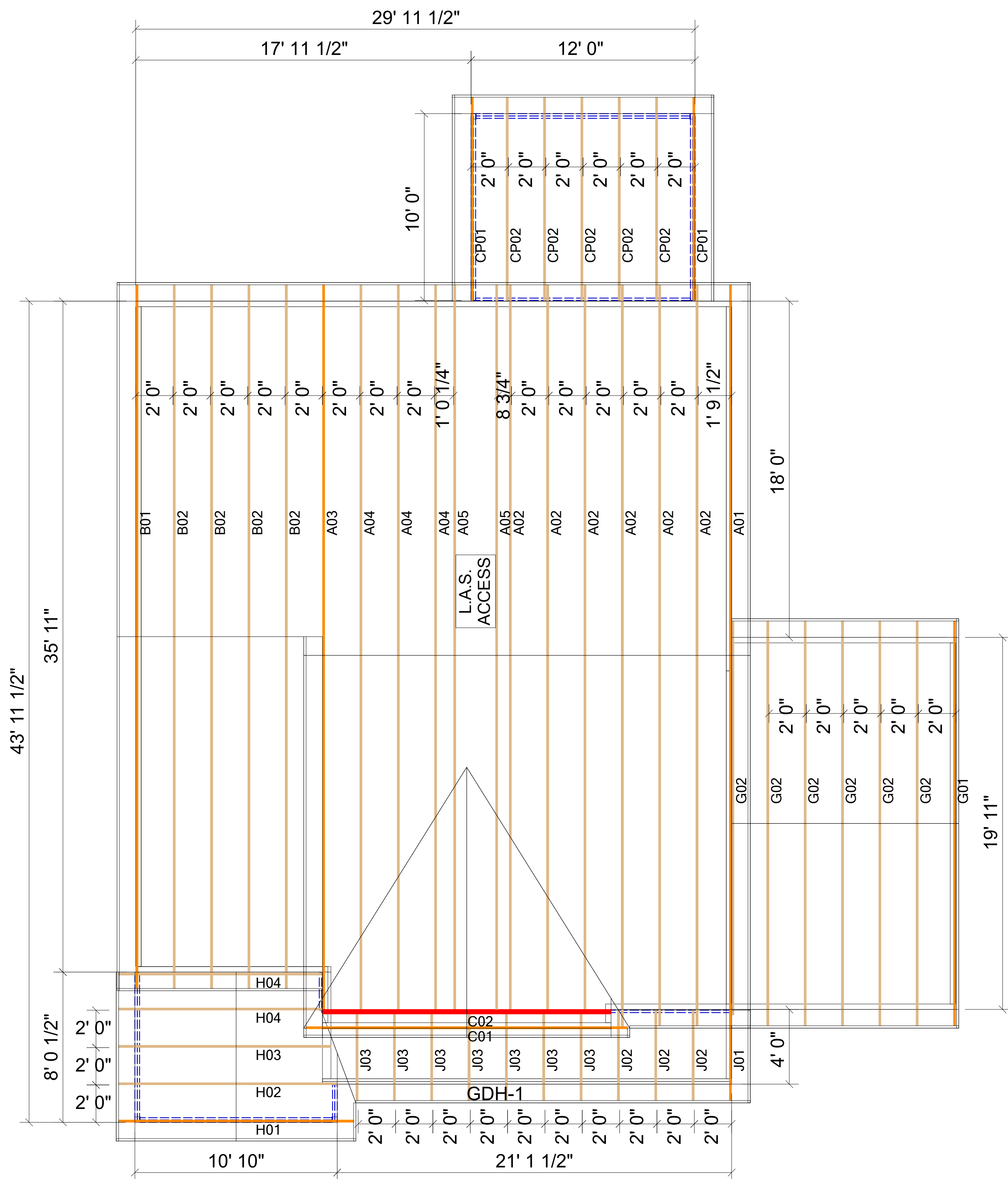
H2.5A	-
H10A	-
HTS20	-
TBE4	-
LGT2	-
LGT3	-
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ROOF TRUSS LAYOUT

SCALE: N.T.S.

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## REVISIONS

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3	-
4	-

Base+COP+1CG

X

X

Kenzie "B"

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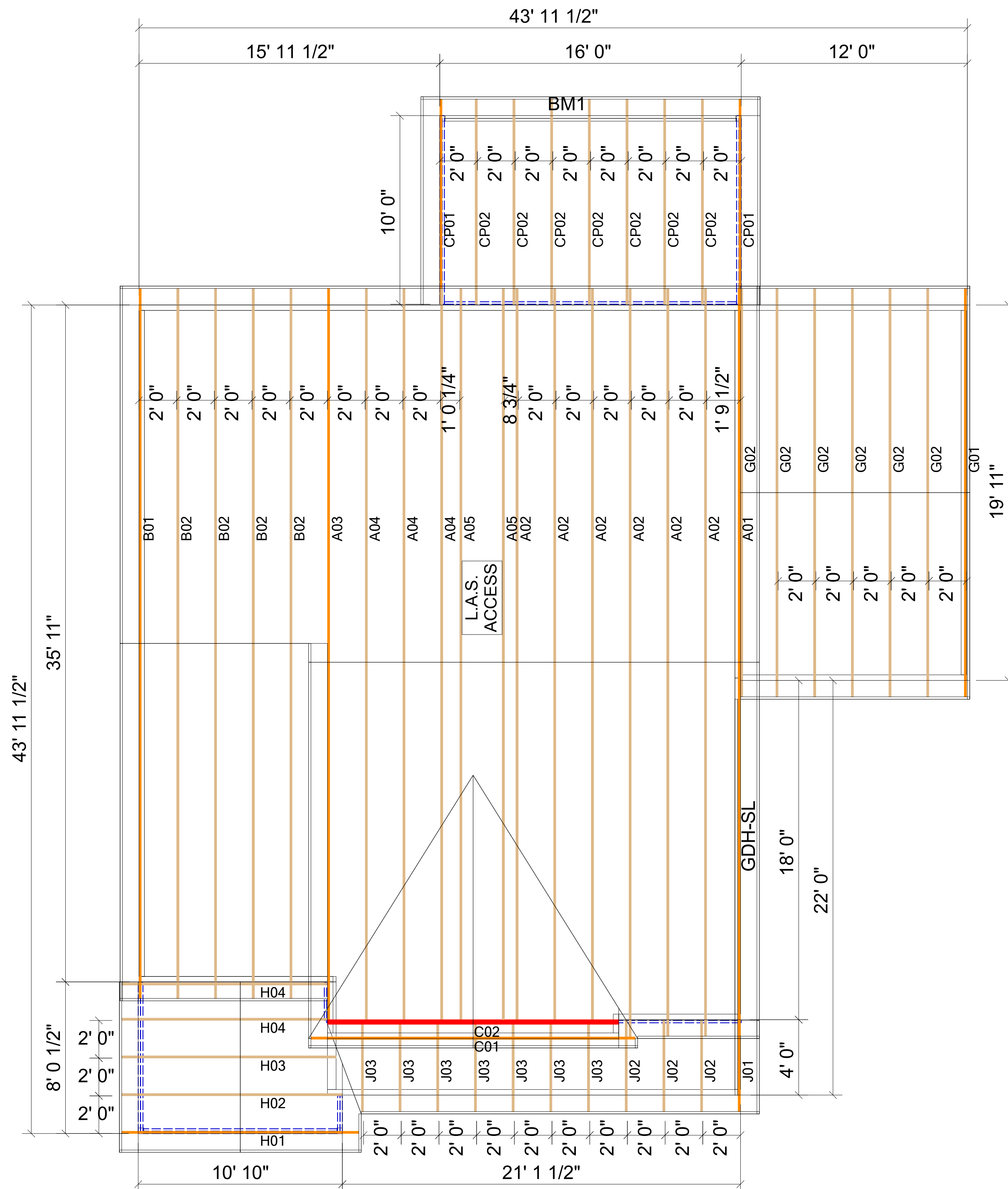


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MGM

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JOB NUMBER  
X

SHEET NUMBER  
1 OF 1



# ROOF TRUSS LAYOUT

SCALE: N.T.S.

LVL Beams				
PlotID	Length	Product	Plies	Net Qty
BM1	16' 0"	1 3/4" x 9 1/4" (2.0E 3100) LVL	2	2
GDH-SL	21' 0"	1 3/4" x 16" (2.0E 3100) LVL	2	2

SIMPSON CONNECTOR SCHEDULE					
HANGER TYPE	Qty	FASTENERS		CARRYING MEMBER	CARRIED MEMBER
		CARRYING MEMBER	CARRIED MEMBER		
HTU-26	1	20-16d	20-10d x 1 1/2	Girder	Truss

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H2.5A	-
H10A	-
HTS20	-
TBE4	-
LGT2	-
LGT3	-
MGT+HDU	-
--	-

## ROOF TRUSS

### NOTES:

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- This Truss Placement Diagram is intended to serve as a guide for truss installation. This Diagram has been prepared by a Truss Technician and is not an engineered drawing.
- The responsibilities of the Owner, Building Designer, Contractor, Truss Designer, and Truss Manufacturer shall be as defined by the TPI 1 National Standard.
- The wood components shown on this diagram are to be used in dry service (moisture content < 19%) and non-toxic environmental applications. The metal plates and hangers are galvanized to the G60 Standard unless noted otherwise.
- Refer to the Truss Design Drawings for specific information about each individual truss design.
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- The Truss Placement Diagram and Truss Design Drawings are the property of Builders FirstSource and may not be reused or reproduced in part or in total under any circumstances without prior written authorization.
- In some cases, field framing may be required to achieve the final appearance shown on the Construction Documents.
- Field framing, including valley rafters, installed over roof trusses shall have a knee brace from the rafter to the truss top chord at intervals of 48" on center (O.C.) or less. Stagger knee braces from adjacent rafters such that the load is distributed uniformly over multiple truss locations and not concentrated at one location or along one truss.
- Truss Top Chords shall be fully sheathed or have lateral bracing (purlins) spaced at 24" O.C. or less. Truss Bottom Chord Bracing shall not exceed the maximum shown on the Truss Design Drawing. Field framed bottom chord floor or ceiling attachments shall be spaced at 24" O.C. or less. Proper Bracing prevents buckling of individual truss members due to design loads.
- This Placement Diagram is based upon the supporting structure being structurally adequate, dimensionally correct, square, plumb, and level to adequately support the trusses. The foundation design, structural member sizing, load transfer, bearing conditions, and the structure's compliance with the applicable building code are the responsibility of the Owner, Building Designer, and Contractor.
- If Piggyback Trusses are included in this project, refer to the Mitek Piggyback Connection Detail applicable for the project details and wind load category.
- The Contractor shall follow the SBCE TTB Partition Separation Prevention and Solutions for truss attachment to non-load bearing walls and carefully complete these details to avoid gypsum wall board related issues.

### WARNING:

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- Trusses shall be installed in a safe manner meeting all code, local, OSHA, TPI, and BCSI Specifications. Failure to follow these specifications may result in injury or death.
- Buildings under construction are vulnerable to high winds and present a possible safety hazard. The Contractor is responsible for recognizing adverse weather conditions and shall take appropriate action to prevent injury or death.
- BCSI INSTRUCTIONS SHALL BE FOLLOWED:**  
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 BCSI-B9 = Multi-Ply Girders  
 BCSI-B10 = Post Frame Truss Installation  
 BCSI-B11 = Fall Protection
- Follow TPI Requirements for Long Span Trusses (>60').

## REVISIONS

1	-
2	-
3	-
4	-

Base+COPX+1CG+SL  
X X  
Kenzie "B"

Sumter Truss Plant  
P.O. Box 1546  
Sumter, S.C. 29151  
Phone: 803-778-1921  
Fax: 803-773-4731



DRAWN BY  
MGM

DATE  
9/18/2019

JOB NUMBER  
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1 OF 1

REVISIONS

1	.
2	.
3	.
4	.

Base X X Kenzie "C"

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WARNING:

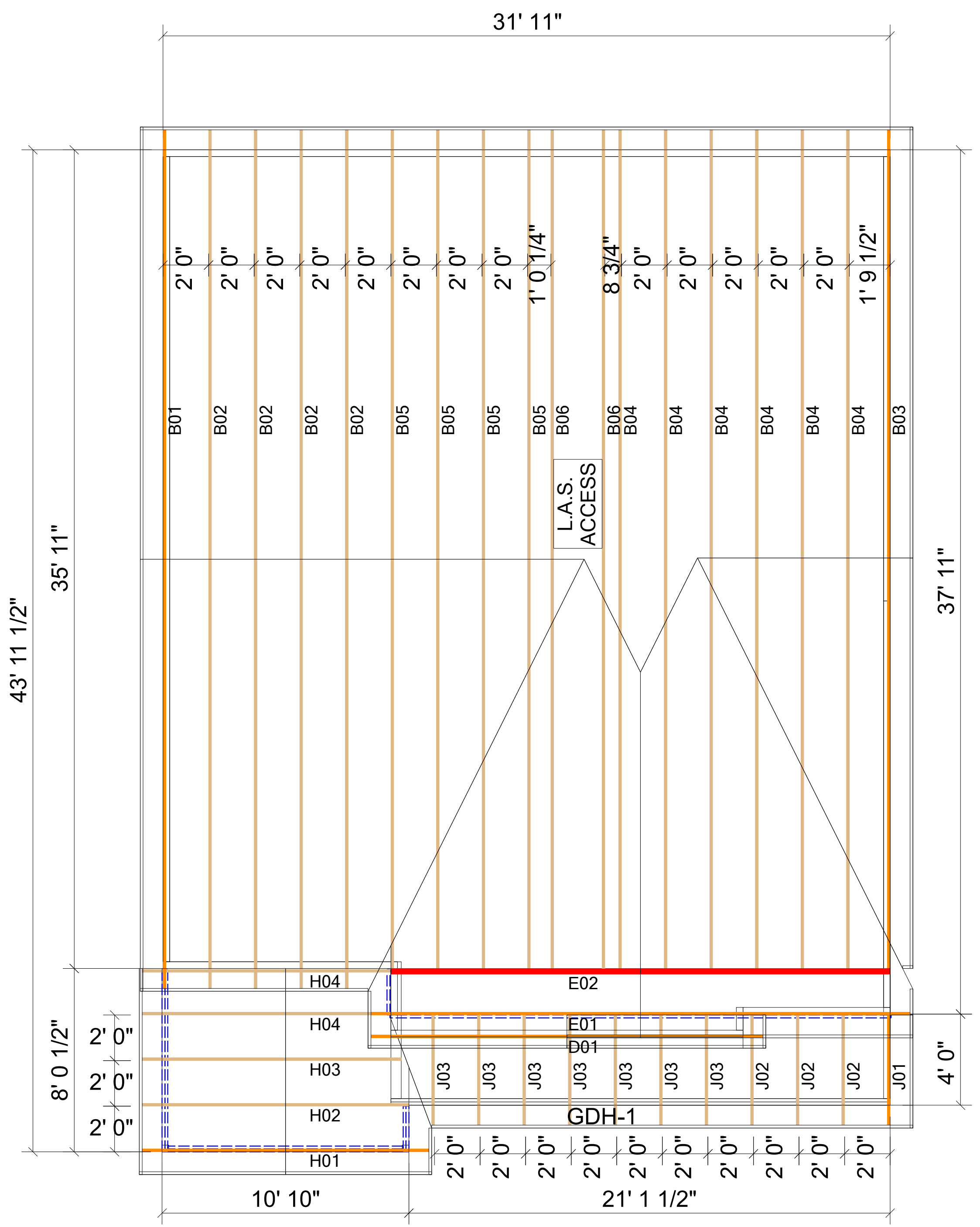
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  - Follow TPI Requirements for Long Span Trusses (>60').

LVL Beams				
PlotID	Length	Product	Plies	Net Qty
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HANGER TYPE	Qty	FASTENERS		CARRYING MEMBER	CARRIED MEMBER
		CARRYING MEMBER	CARRIED MEMBER		
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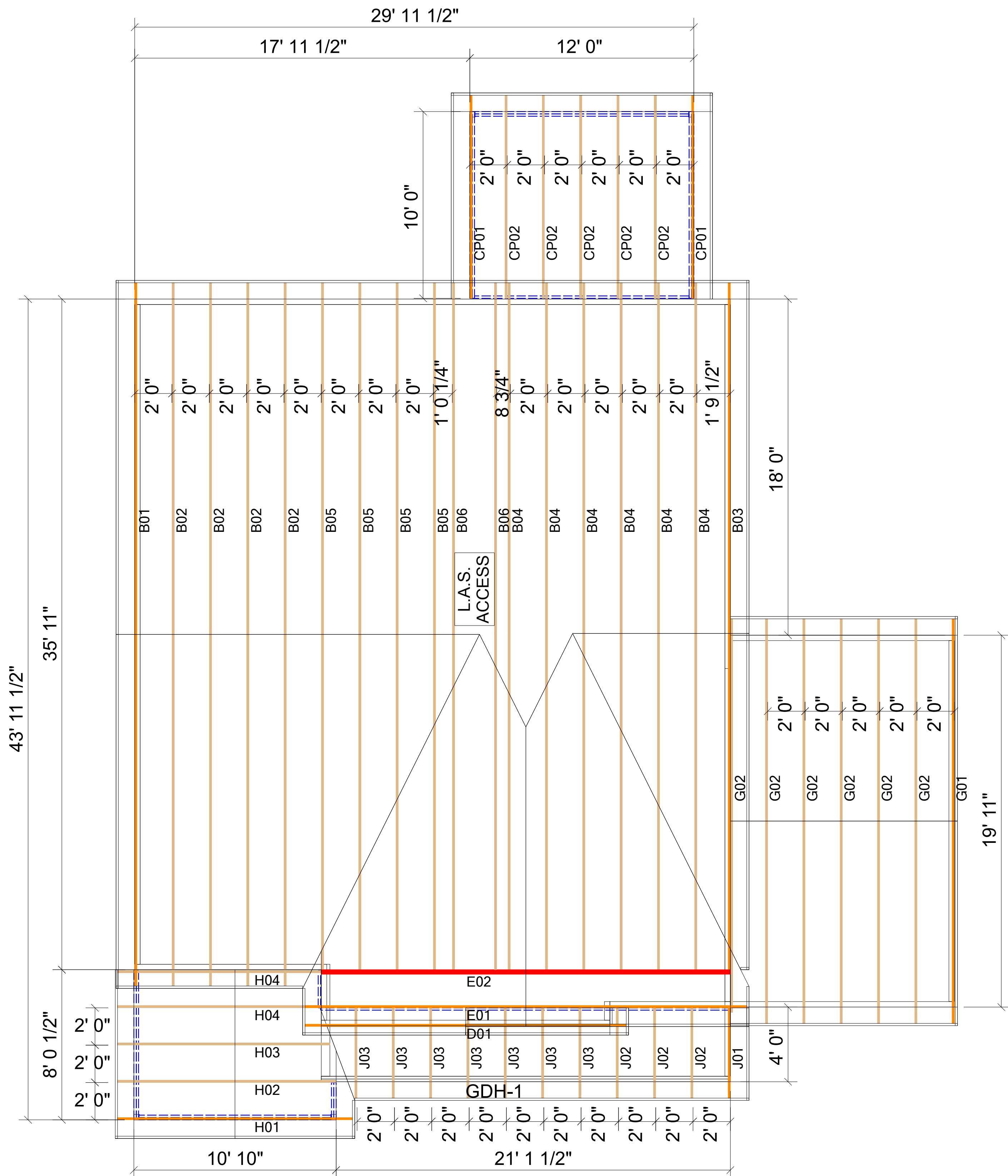
H2.5A	-
H10A	-
HTS20	-
TBE4	-
LGT2	-
LGT3	-
MGT+HDU	-
--	-



ROOF TRUSS LAYOUT  
 SCALE: N.T.S.

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## REVISIONS

1	-
2	-
3	-
4	-

Base+COP+1CG

X

X

Kenzie "C"

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Phone: 803-778-1921  
Fax: 803-773-4731

**Builders**  
FirstSource



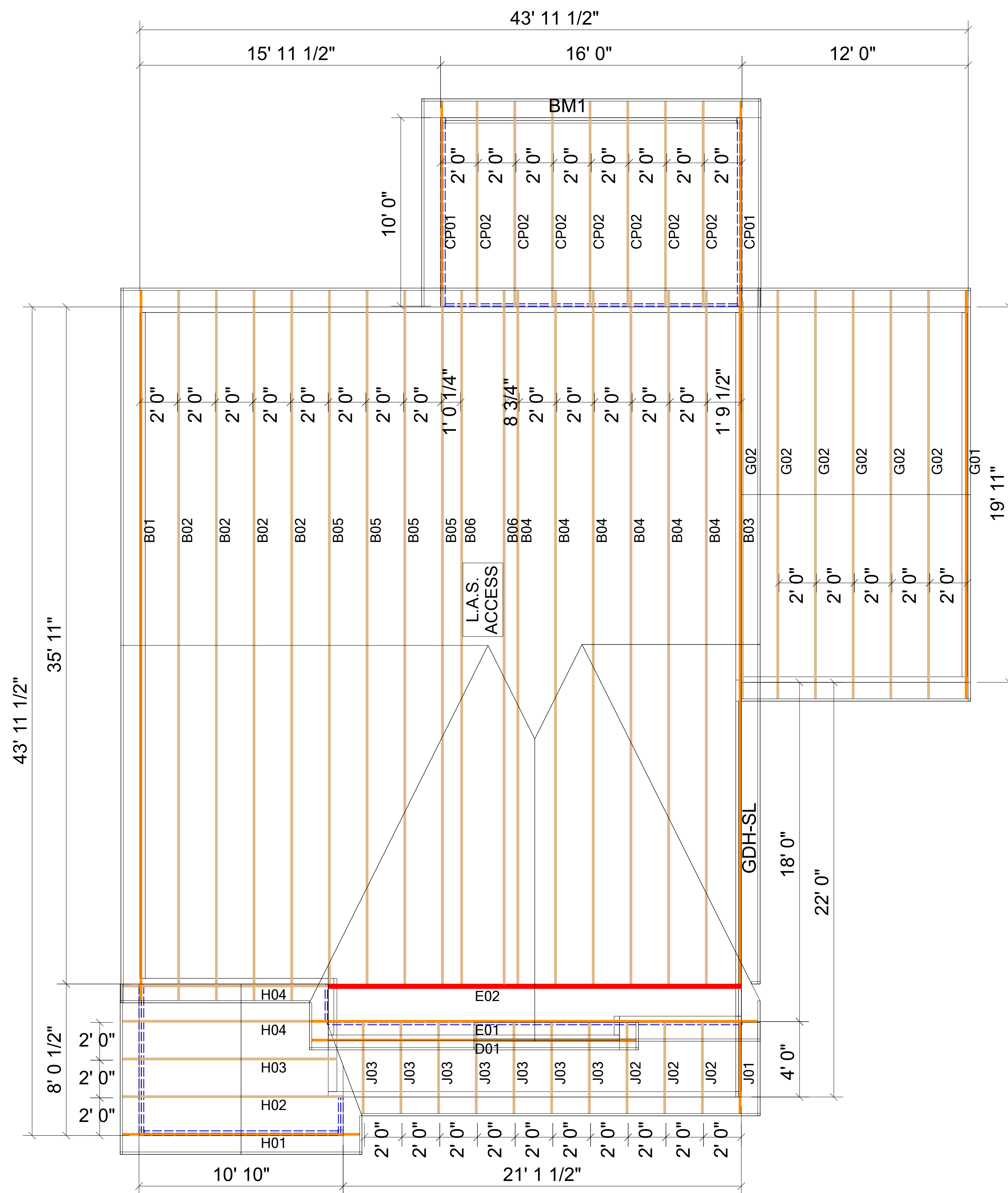
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H10A	-
HTS20	-
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Base+COPX+1CG+SL  
X X  
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